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PATENTS

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MAILING CERTIFICATION

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Kathleen D. Monical

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty's Docket No: 102126-320 (4)

Examiner : TBA

Group Art Unit TBA

Applicant : Martin Hassler

Appln. No. : 10/018,278

Filed : December 14, 2001

For : Method and Device for Demounting Remounting Hammers,
Hammer Axels and/or Protective Caps of Hammer Crushers

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JUN 27 2002

INFORMATION DISCLOSURE STATEMENT

Hon. Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

The following sections are being submitted for this Information Disclosure Statement:

- Sec. 1 - Preliminary Statements
- Sec. 2 - Identification of Time of Filing
- Sec. 4 - Statements with Respect to Listing of Information
- Sec. 5 - Statements with Respect to Translations of Non-English Information
- Sec. 6 - Statements with Respect to Copies of Listed Information Items Accompanying This Statement
- Sec. 8 - Concise Explanation of Listed Information Items

Section 1
Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56 it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(b) the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

Section 2
Identification of Time of Filing

This Information Disclosure Statement is filed before the issuance of the first official action and is submitted as the information was brought to the attention of applicant. German patent no. 2437793 was cited in the PCT International Search Report, a copy of which is enclosed.

Section 4
Statements with Respect to Listing of Information

A list of the patents is set forth on the attached 1 page of Form PTO-1449 (modified).

Section 5
Statements with Respect to Translations of
Non-English Information

No English language translations of the foreign language patents, publications or information or parts thereof are readily available.

Section 6
Statements with Respect to Copies of Listed Information
Items Accompanying This Statement

A copy of each of the items on PTO-1449 (modified) is supplied herewith except for the reference cited in the PCT Search Report. A copy of this references was supplied by WIPO.

Section 8
Concise Explanation of Listed Information Items

A concise explanation of the items listed on PTO-1449 (modified) is given for some of the listed items. The concise explanation requirement for German patent no. 2437793 is satisfied by submitting a copy of the PCT Search Report (113 O.G. 37, April 20, 1992).

German 199 27 551

The assembly to separate unwanted longitudinal and/or curved waste materials, from a flow or pile or scrap with a high density, has an oscillating or vibrating sieve. The sieve base has a number of parallel and longitudinal guide bars (4) and lateral separation bars (3) with openings (3.2) in lengths and widths of different geometrical dimensions.

German 199 27 341

The hydraulically operated briquetting press and method of its operation involve two press bushings (1) in each of which slides a pressure ram to and fro (2). At least a third pressure ram (4), for counter-pressure, moves in the press-bushings which are divided axially into a top and bottom part. The top part contains shafts (5) with openings (6) for introducing the metal shavings (10.1) in which the tampers (3) operate. The pressed forgings (10) are ejected through a discharge opening (7).

German 199 27 765

The method involves releasing the rotor (1) and turning it to and fixing it at top dead center, attaching an extractor head to an exposed end of the hammer axle. A cross-piece (2.1), is applied and a releasable element of a carriage (2.4) of a hammer axle puller is pulled, making a releasable connection between cross-piece and rotor attachment elements. The carriage is moved to a position in which the puller head is connected to the carriage in a shape-locking manner, securing the hammer position, returning the carriage while extracting the hammer axle (1.5) to release the hammer. The connection between the head and carriage is released, moving the carriage until the head and carriage re-engage and returning the carriage again to extract the hammer axle until the entire hammer and/or protective cap (1.4) is also included for an arrangement for implementing the method.

Respectfully Submitted,

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